

# Sterling Fire Department



2014 Annual Run Summary and Report

# Sterling Fire Department

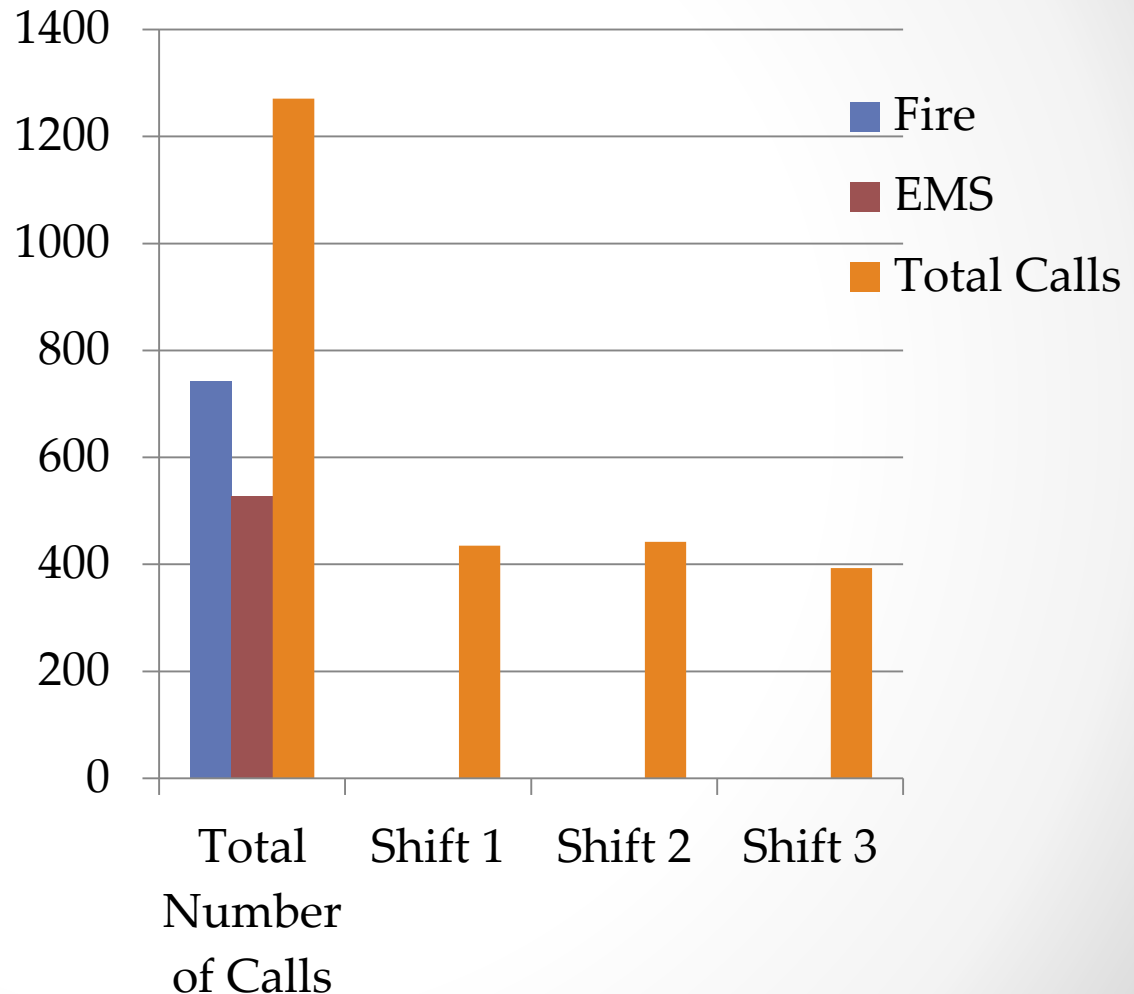
## 2014 Annual Report

- The following is the 2014 Sterling Fire Department Annual Report, it includes a brief synopsis of call activity starting January 1<sup>st</sup> 2014 to December 31<sup>st</sup> 2014.
- Of the calls responded to during 2014 they were not limited to fire/medical responses. We are an All Hazards Department which responds to Hazardous Materials Incidents, Confined Space rescues, High Angle Rescues and Motor Vehicle accidents with trapped occupants.

# General Information

- The Sterling Fire Department responded to a total of 1,271 calls in 2014.
- Break down by shift:
  - Shift 1- 435
  - Shift 2- 442
  - Shift 3- 393
  - \*Day shift – 1

\*Deputy Chief Dettman handled a call that did not require the duty crew to respond

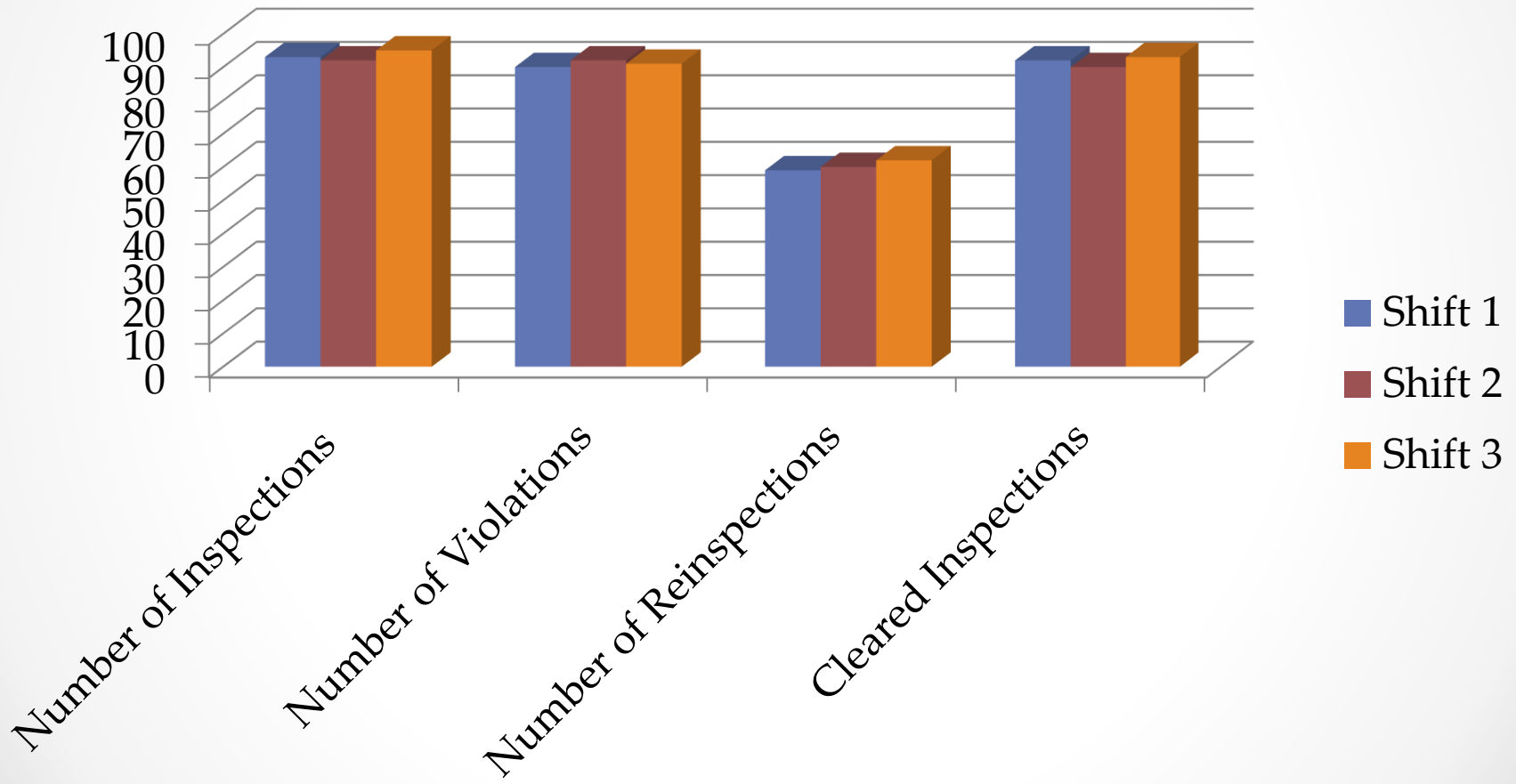


# Fire Prevention Activities

- Over the course of the year the Sterling Fire Department inspected 280 Commercial Businesses, we found 273 fire code violations which have been corrected. With Fire Prevention Measures we have reduced the risk of losing a potential tax base and employment within the Sterling Fire Protection District.



# Fire Inspections



# Fire Inspections

- Each shift is responsible for conducting fire inspections. The following is a break down by shift.
  - Shift 1-
    - Number of Inspections-93
    - Number of Violations-90
    - Number of Reinspections-59
    - Cleared Inspections- 92
  - Shift 2-
    - Number of Inspections-92
    - Number of Violations-92
    - Number of Reinspections-60
    - Cleared Inspections-90
  - Shift 3-
    - Number of Inspections-95
    - Number of Violations-91
    - Number of Reinspections-62
    - Cleared Inspections-93

# Fire Prevention Activities

- Working with Code Enforcement, the Sterling Fire Department is able to provide a safer environment to the City of Sterling by ensuring fire code compliance with local businesses.
- We completed 11 new occupancy inspections, 9 change of occupancy inspections and inspected every school within our jurisdiction.
- We were able to ensure compliance of sprinkler and alarm systems which may have been out of service for years.

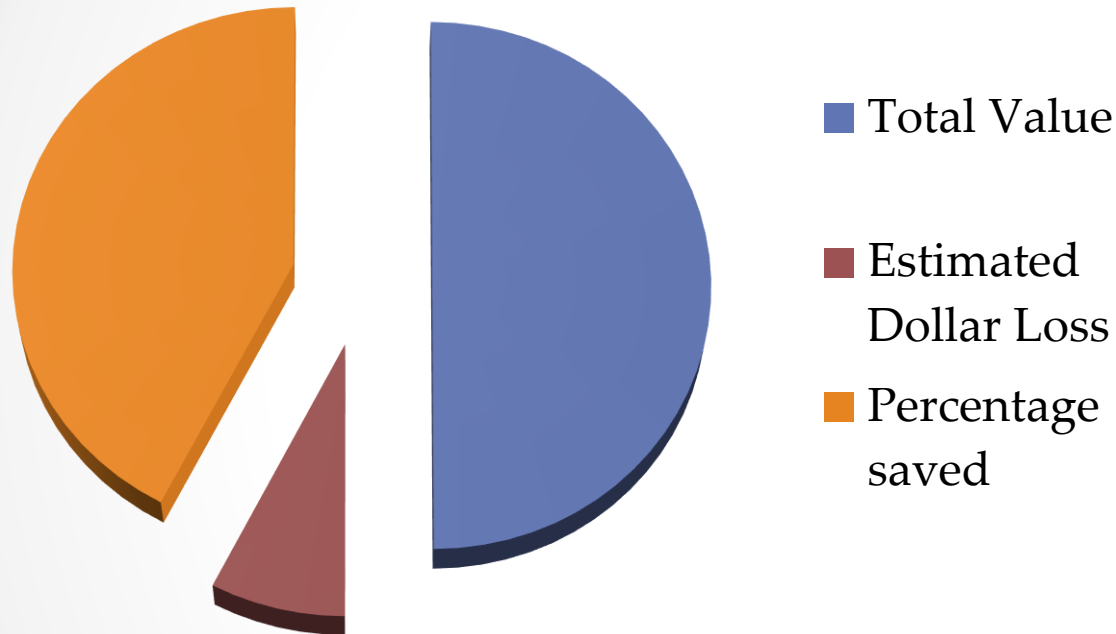
# Fire Prevention Activities

- Education is the key to any Fire Prevention program.
- Fire prevention was taught to 275 Kindergarteners on a monthly basis.
- Businesses and groups were educated on the proper use of fire extinguishers using a simulator like the one pictured below.
- Shifts attended street fairs, youth clubs, and the annual Bike Rodeo sponsored by the Sterling Police Department.





# Sterling Fire Department 2014 Annual Report

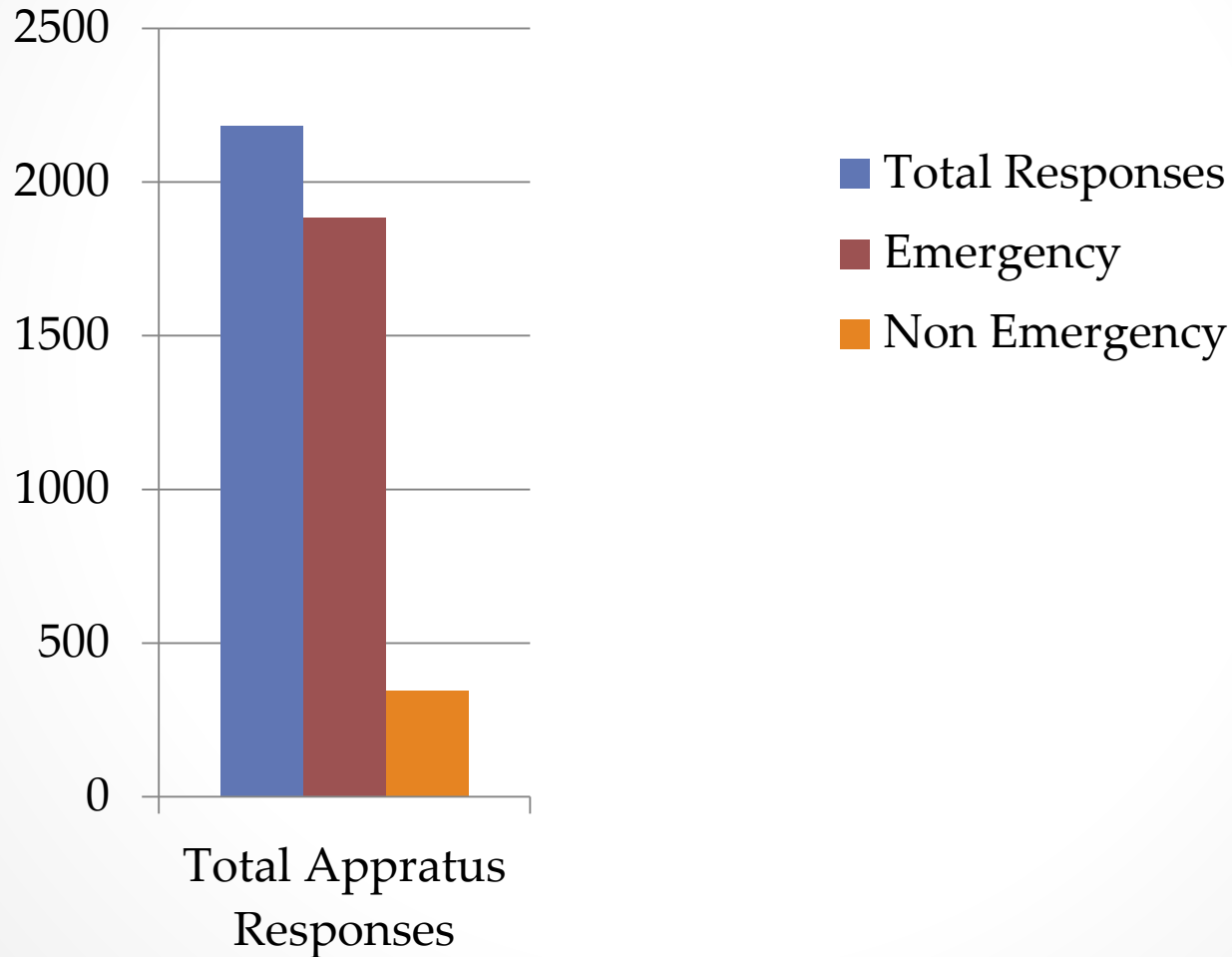


Estimated Value of all properties involved with a fire in 2014 was:

\$2,169,048

- Estimated Loss- \$328,633
- Estimated Saved- \$1,840,415
- Total Percentage Saved – 84.84%

# Total Apparatus Responses for 2014



# Total Apparatus Responses for 2014

- In 2014 the Sterling Fire Department responded to a wide variety of both emergency and non-emergency calls. We responded to a total of 1,271 calls.
- 973 of the calls were emergency related responses both within and outside our jurisdiction
- 298 of the calls were non emergency calls. Examples of non emergency calls range from odor investigations to lift assists.

# Turn Out and Response Times

- *Turn out time* is the time of dispatch to the enroute time. Turn out time for this year was 1:55 for non emergencies and 2:03 for emergencies. The difference in time reflects the amount of time it takes the crew to put on their bunker gear.
- *Response time* is the time enroute to the time of arrival. Response time for this year was 4:01 for non emergencies 3:23 for emergencies.

\* NFPA Benchmark is 4 Minute response. NFPA is the industry standard and widely accepted across the United States.

- *Total time* is the time of dispatch to the time cleared from the scene. Total time for non emergencies is 19:36 and for emergencies is 29:26.

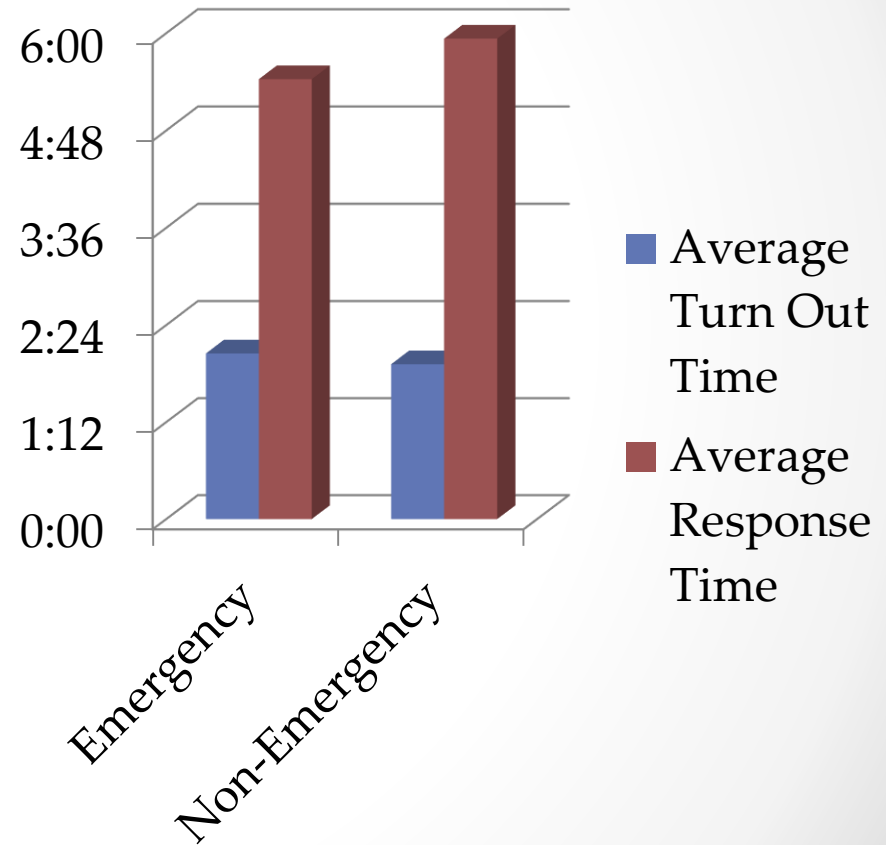
# Turn Out and Response Times

## Emergency

- Average Turn Out time- 2:03
- Average Response Time- 3:23
- Average Total Time on call- 29:26

## Non-Emergency

- Average Turn Out time- 1:55
- Average Response Time- 4:01
- Average Total Time on call- 19:36

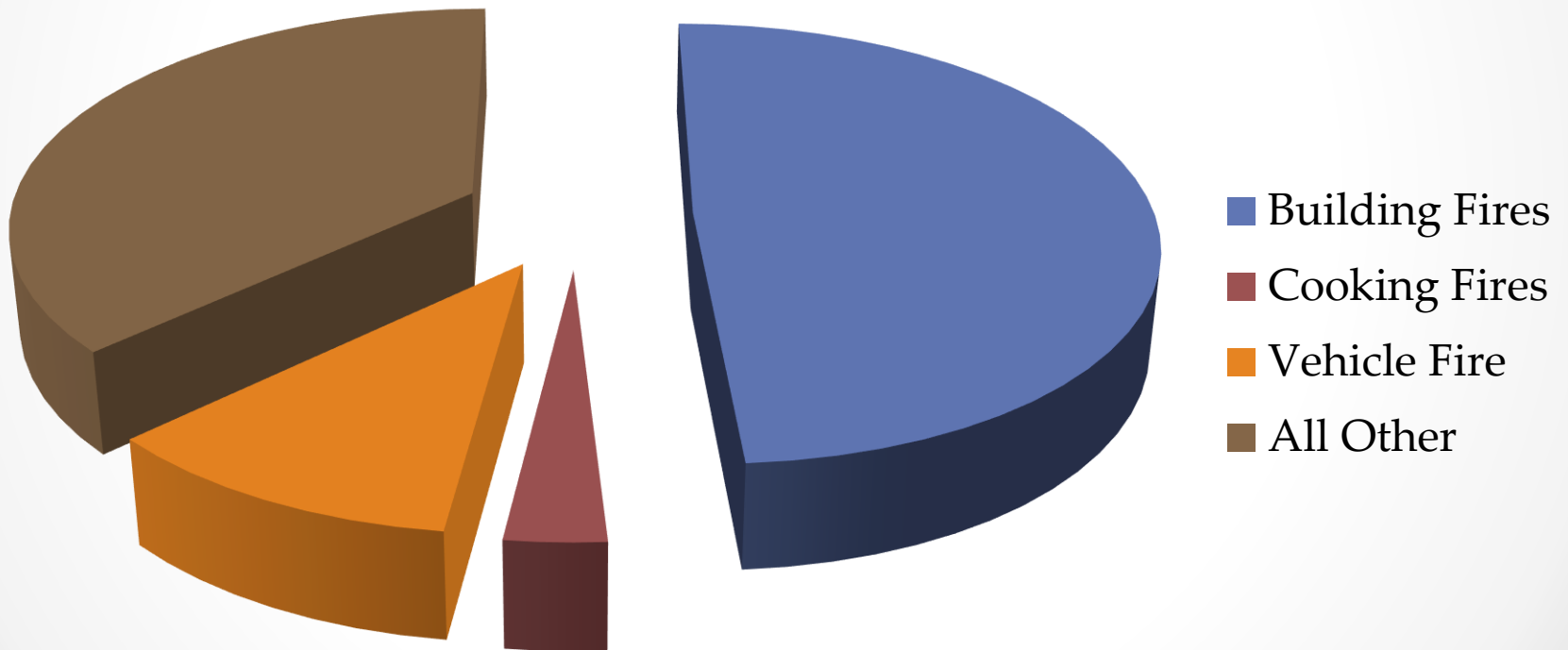


# Total Calls by Incident Type (Fires)

- This was one of the busiest years for fires at Sterling Fire Department, we responded to 49 building fires over the course of the year. Unfortunately this includes a fire at 206 W. 7<sup>th</sup> Street which involved a fatality.
- Crews responded to 51 other fires which included:
  - 3 Cooking fires
  - 11 Vehicle Fires
  - 37 other fires (brush fires, dumpster fires, grass fires etc.)

# Total Calls by Incident Type (Fires)

Fires



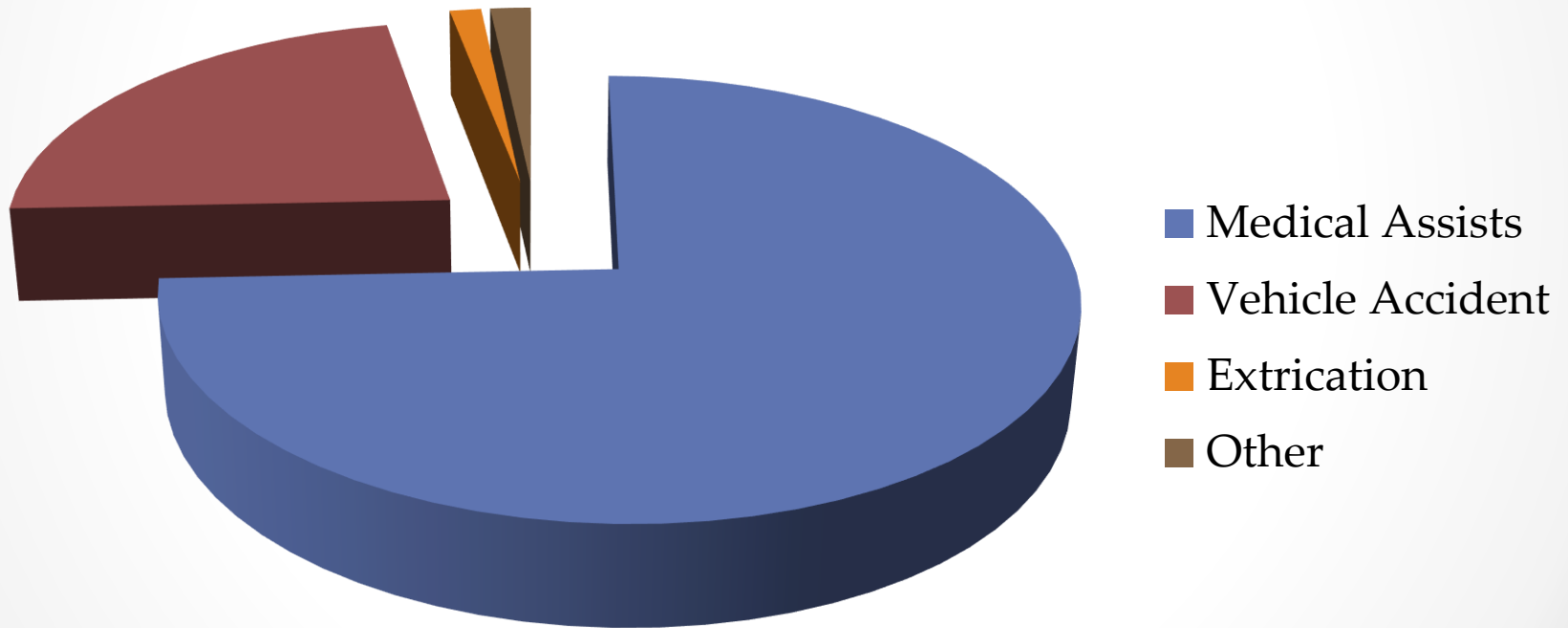
# Total Calls by Incident Type (EMS/Rescue)

- Sterling Fire Department also responds with CGH EMS on many life threatening emergency medical calls. In 2014 we responded to 528 calls for assistance. Twin Comm (the dispatch center at CGH) dictates the need and urgency for immediate medical care.
  - Medical Assist- 394
  - Vehicle Accidents- 121
  - Vehicle Accidents with Extrication- 7
  - Other- 6 (missing persons, water rescues, etc.)



# Total Calls by Incident Type (EMS/Rescue)

EMS/Rescue



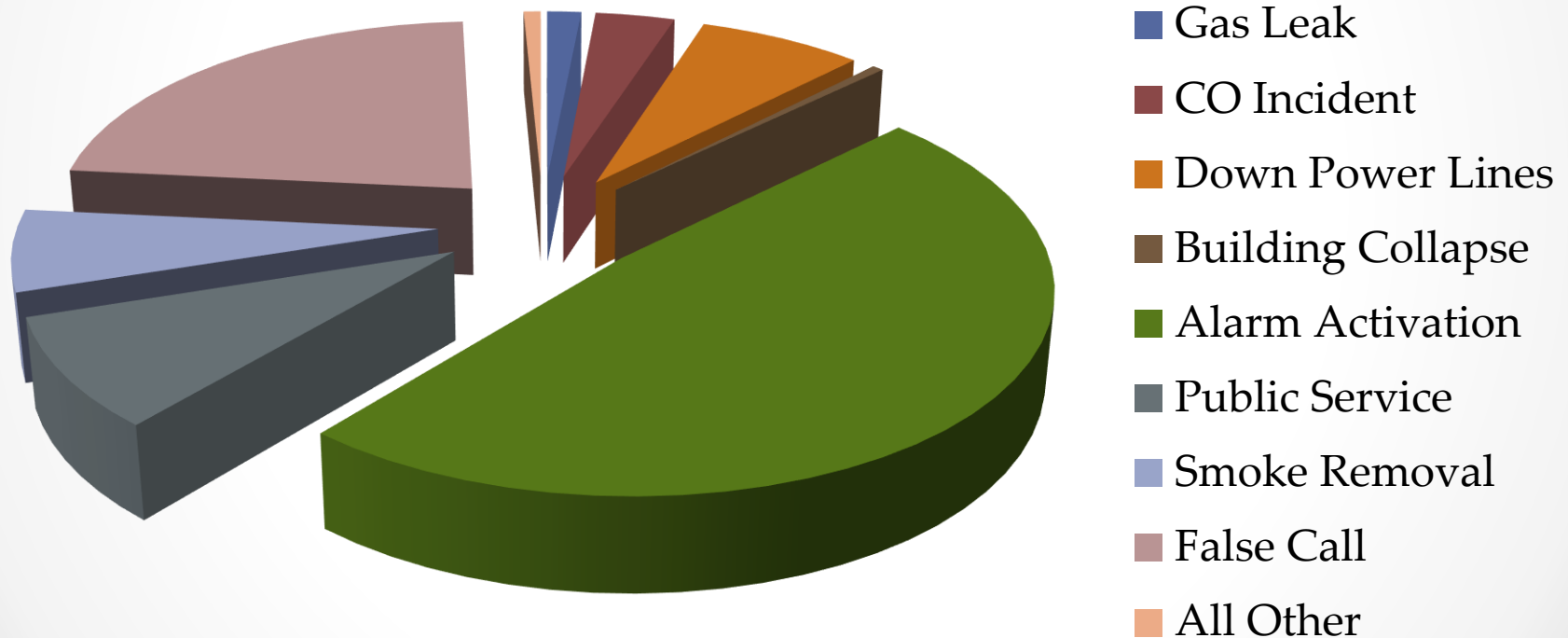
# Total Calls by Incident Type (All Other Calls)

- The Sterling Fire Department responds on a wide variety of calls. The following is a list of the type of incidents.
  - Gas Leak (Natural and Gasoline)- 6
  - Carbon Monoxide Incident- 14
  - Down Power Lines- 29
  - Building Collapse- 2
  - Alarm Activation- 192
  - Public Service or Assist- 35
  - Smoke/ Odor Removal- 26
  - False Calls- 90
  - All Others not Classified- 243

These 637 incidents were not fire related.

# Total Calls by Incident Type (All Other Calls)

All Other Calls



# Total Calls by District

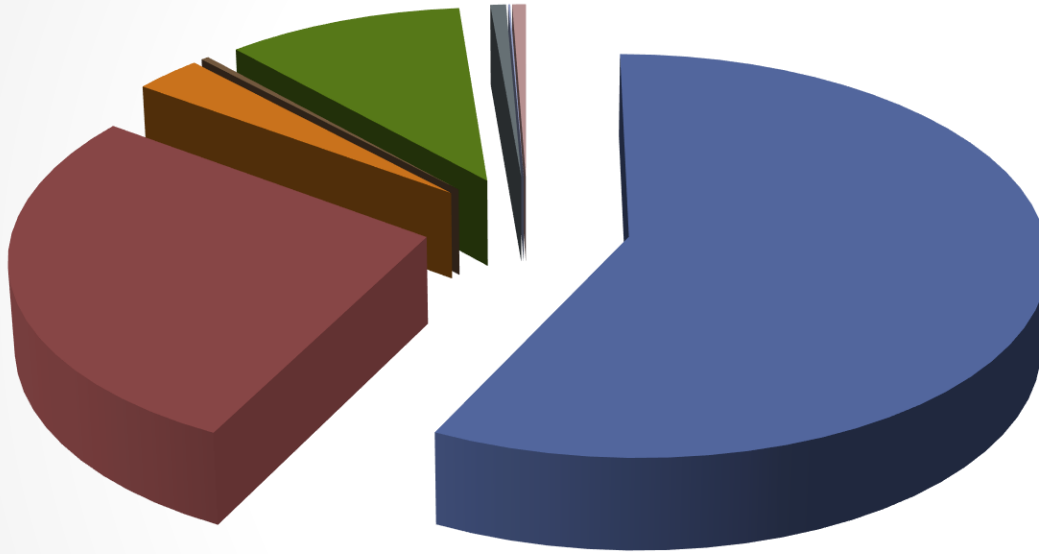
- Sterling Fire Department will often go outside our jurisdiction to assist other departments. Total calls by district is as follows:
  - Sterling Main Station City & Rural -676
  - Sterling Station 1 City & Rural- 419
  - Rock Falls / Main Station Response- 35\*
  - Rock Falls / Station 1 Response- 4\*
  - Rock Falls / Main and Station 1- 122\*
  - Dixon Rural & Dixon City- 8
  - Coleta / Milledgeville- 1
  - Other- 6



\*Note Sterling Fire responded to Rock Falls for either Mutual aid or automatic to provide the citizens a better quality service.

# Total Calls by District

- Main Station City & Rural
- Station 1 City & Rural
- Rock Falls Main Response
- Rock Falls Station 1 Response
- Rock Falls Both Stations
- Dixon Rural/ City
- Coleta/ MFPD
- Others



# Sterling Rural Fire Protection District

- Sterling Rural FPD responded to 167 calls for assistance in 2014. These calls varied from citizen assists to working structure fires. Sterling Fire Department Main Station responded to 89 of these calls, Station 1 responded to 78 calls.



# Department Training

- In 2014 the Sterling Fire Department trained on various fire service and EMS topics, including; Pump Operations, Aerial Operations, Building Construction, Ground Ladders, Ropes and Knots and Basic Life Support. Many of our members chose to attend the Fire Officer Classes held at Sauk Valley Community College to further their education.





# Department Training

- Training became paramount with the addition of 5 new firefighters in 2014. All of them were certified Firefighter II: this is required by the State of Illinois prior to actively being involved in fire ground operations.
- With new firefighters already possessing the proper qualifications, the Sterling Fire Department was able to save both time and resources that would have otherwise been devoted to fire academy costs.



# Training the Probationary Firefighters

- Training consisted of 30 days of learning our policy and procedures, using self contained breathing apparatus and completing various jobs that are done on a regular basis as firefighters.



# Training the Probationary Firefighters



# Department Training

Captain Williamson-	152 Hours
*Lt. Billeb-	145 Hours
FF Wright-	76 Hours
*FF Heeren-	173 Hours
*FF Vlakangic- (Probationary FF)	200 Hours
*FF Morris- (Probationary FF)	126 Hours

Captain Wheeler-	79 Hours
*Lt. Meyers-	129 Hours
*FF Mackey-	166 Hours
*FF Ramos-	94 Hours
*FF M. Liedberg- (Probationary FF)	178 Hours

*Captain Laughlin-	86 Hours
*Lt. Alumbaugh-	134 Hours
*FF Bianchi-	76 Hours
*FF Avelar-	145 Hours
*FF C. Liedberg- (Probationary FF)	178 Hours
*FF Sheaves- (Probationary FF)	95 Hours

*FF Zigler – (Paid on Call FF)	15 Hours
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\* Certified EMT/Basics



# Various Incidents of 2014

## Garage Fire

504 4<sup>th</sup> Ave

2/2/14



## Apartment Fire

1901 3<sup>rd</sup> Ave

1/30/14



# Various Incidents of 2014

House Fire

204 W. 7<sup>th</sup>

2/3/14





# Various Incidents of 2014

**Mutual Aid Dixon Rural Fire  
Department  
6/30/2014**

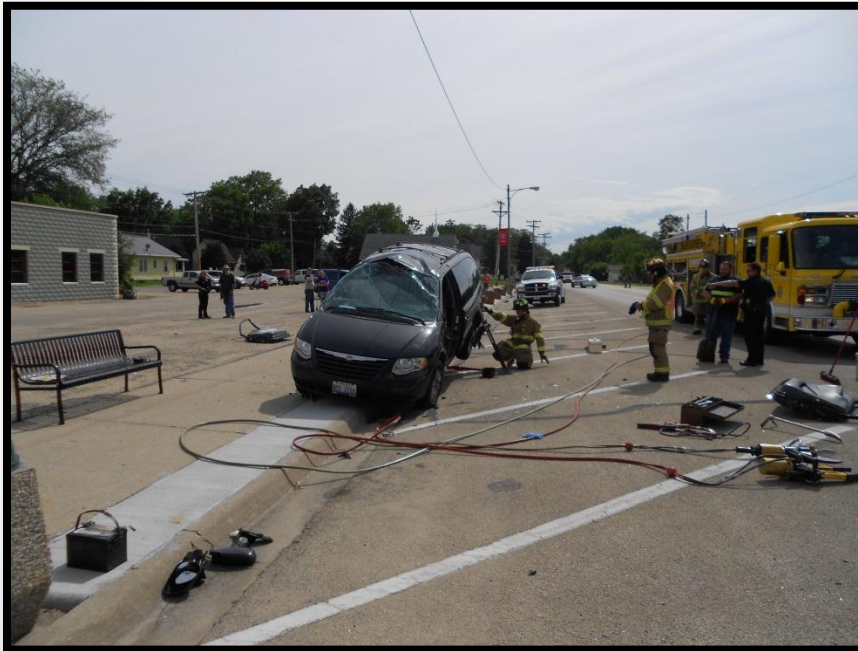


**Structure Fire  
402 West 8<sup>th</sup> St.  
9/24/2014**



# Various Incidents of 2014

**Motor Vehicle Accident  
Rock Falls**



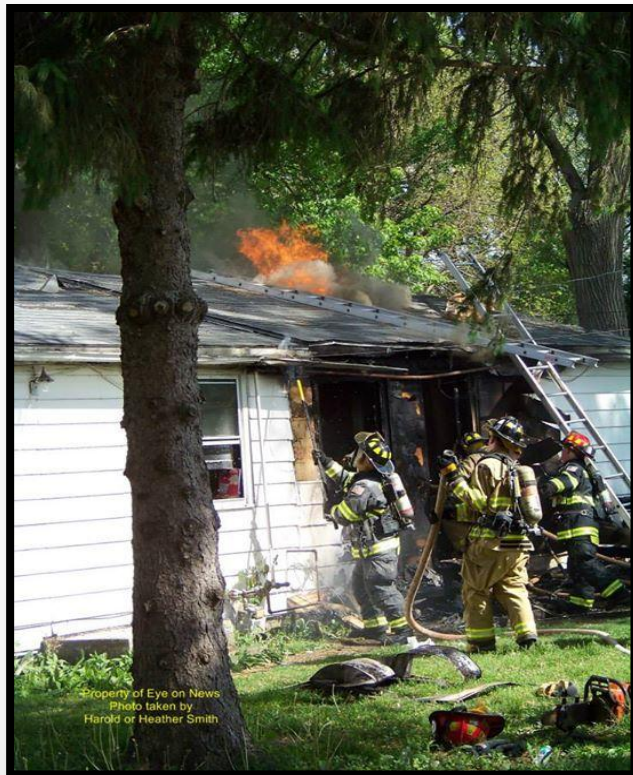
**Apartment Fire  
Northland Park Apartments  
12/2/2014**





# Various Incidents of 2014

**House Fire**  
**1710 Griswold**  
**5/25/2014**



**Kitchen Apartment Fire**  
**605 Ave B**  
**8-17-14**





# ISO Rating

- The Insurance Services Organization (ISO) inspected our department and we were able to lower our ISO rating from a class 4 to a class 3. For the public it means the possibility of saving money on their insurance rates. This is a great accomplishment for our department. Out of all the fire departments in the United States, only around 2800 have a Class 3 ISO rating.

# Summary

- It was a very productive year for the Sterling Fire Department. With the grants we applied for, we were able to purchase new portable radios. We also purchased a used fire engine from Byron Fire District. We have had our challenges like all other departments throughout the year but we are still providing the best possible service to our public.

# Sterling Engine 6

